

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
19 May 2005 (19.05.2005)

PCT

(10) International Publication Number  
**WO 2005/044110 A1**

(51) International Patent Classification<sup>7</sup>: **A61B 10/00**,  
B01L 3/00

(21) International Application Number:  
PCT/US2004/025865

(22) International Filing Date: 9 August 2004 (09.08.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
10/689,414 20 October 2003 (20.10.2003) US

(71) Applicant (for all designated States except US): **KIMBERLY-CLARK WORLDWIDE, INC.** [US/US]; 401 N. Lake Street, Neenah, Wisconsin 54956 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **O'CONNOR, Amanda, Lee** [US/US]; N9420 Dusty Drive, Appleton, Wisconsin 54915 (US).

(74) Agents: **FLACK, Steven, D. et al.**; **KIMBERLY-CLARK WORLDWIDE, INC.**, 401 N. Lake Street, Neenah, Wisconsin 54956 (US).

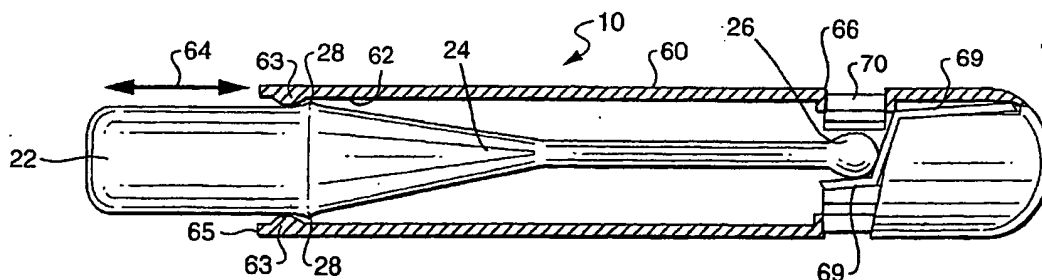
(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:  
— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **DIAGNOSTIC TEST DEVICE AND METHOD OF USING SAME**



(57) Abstract: A self contained diagnostic test device is provided for use in the collection and detection of a biological specimen or the like. The device comprises a tubular swab and reagent dispensing cap component for receiving specimens. The reagent dispensing cap component includes barrel, reagent chamber, and results-window subcomponents, and delivers one or more selected reagents to a specimen testing chamber for contacting the collected specimen, upon the rotation of the reagent chamber component.

WO 2005/044110 A1